```
$%^Dialog;HighlightOn=%%%;HighlightOff=%%%;
```

Logging in to Dialog

Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
 ****
ENTER PASSWORD:
 ****
Welcome to DIALOG

Dialog level 03.04.00D

Last logoff: 19oct03 10:11:54
Logon file405 24oct03 09:42:34
             *** ANNOUNCEMENT ***
                   ***
--File 654 - US published applications from March 15, 2001 to the
present are now online. Please see HELP NEWS 654 for details.

                   ***
--File 581 - The 2003 annual reload of Population Demographics is
complete. Please see Help News581 for details.

                   ***
                   ***
--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains
records from January 2003. The oldest months's records roll out of
File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new
OneSearch category.
                   ***
--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.
                   ***
                   ***
--SourceOne patents are now delivered to your email inbox
as PDF replacing TIFF delivery. See HELP SOURCE1 for more
information.
                   ***
--Important news for public and academic
libraries. See HELP LIBRARY for more information.
                   ***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
                   ***
NEW FILES RELEASED
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)
                   ***
UPDATING RESUMED

```
                          ***
RELOADED
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

REMOVED
                          ***

     >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
     >>>     of new databases, price changes, etc.        <<<
                         ****
SYSTEM:HOME
Cost is in DialUnits
Menu System II: D2 version 1.7.9 term=ASCII
                  *** DIALOG HOMEBASE(SM) Main Menu ***


  Information:
   1.  Announcements (new files, reloads, etc.)
   2.  Database, Rates, & Command Descriptions
   3.  Help in Choosing Databases for Your Topic
   4.  Customer Services (telephone assistance, training, seminars, etc.)
   5.  Product Descriptions


  Connections:
   6.  DIALOG(R) Document Delivery
   7.  Data Star(R)

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      /H = Help           /L = Logoff        /NOMENU = Command Mode



Enter an option number to view information or to connect to an online
 service.  Enter a BEGIN command plus a file number to search a database
(e.g., B1 for ERIC).
? dialog
>>Invalid Option Number


              *** DIALOG HOMEBASE(SM) Main Menu ***


  Information:
   1.  Announcements (new files, reloads, etc.)
   2.  Database, Rates, & Command Descriptions
   3.  Help in Choosing Databases for Your Topic
   4.  Customer Services (telephone assistance, training, seminars, etc.)
   5.  Product Descriptions

  Connections:
   6.  DIALOG(R) Document Delivery
   7.  Data Star(R)

     (c) 2003 Dialog, a Thomson business.     All rights reserved.

      /H = Help           /L = Logoff        /NOMENU = Command Mode

Enter an option number to view information or to connect to an online
  service.  Enter a BEGIN command plus a file number to search a database
```

```
(e.g., B1 for ERIC).
? b 410

        24oct03 09:42:37 User226352 Session D725.1
             $0.00    0.149 DialUnits FileHomeBase
    $0.00· Estimated cost FileHomeBase
    $0.00  Estimated cost this search
    $0.00  Estimated total session cost   0.149 DialUnits


File 410:Chronolog(R)  1981-2003/Oct
        (c) 2003 The Dialog Corporation


     Set   Items  Description
     ---   -----  -----------
? set hi %%%;set hi %%%
HILIGHT set on as '%%%'%%%
%%%HILIGHT set on as '%%%'
? b biochem
        24oct03 09:42:43 User226352 Session D725.2
             $0.00    0.072 DialUnits File410
    $0.00  Estimated cost File410
    $0.01  TELNET
    $0.01  Estimated cost this search
    $0.01  Estimated total session cost   0.221 DialUnits


SYSTEM:OS  - DIALOG OneSearch
  File   5:Biosis Previews(R)   1969-2003/Oct W3
         (c) 2003· BIOSIS
*File   5: BIOSIS Previews to reload October 2003 with major enhancements.
See HELP NEWS005 for further information.
  File   6:NTIS  1964-2003/Oct W4
         (c) 2003 NTIS, Intl Cpyrght All Rights Res
  File  34:SciSearch(R) Cited Ref Sci  1990-2003/Oct W3
         (c) 2003 Inst for Sci Info
  File  40:Enviroline(R)  1975-2003/Sep
  File  50:CAB Abstracts  1972-2003/Sep
         (c) 2003 CAB International
*File  50: Truncating CC codes is recommended for full retrieval.
See Help News50 for details.
  File  65:Inside Conferences  1993-2003/Oct W3
         (c) 2003 BLDSC all rts. reserv.
  File  71:ELSEVIER BIOBASE  1994-2003/Oct W3
         (c) 2003  Elsevier Science B.V.
  File ·73:EMBASE  1974-2003/Oct W3
         (c) 2003 Elsevier Science B.V.
  File  94:JICST-EPlus  1985-2003/Oct W3
         (c)2003 Japan Science and Tech Corp(JST)
  File  98:General Sci Abs/Full-Text  1984-2003/Sep
         (c) 2003 The HW Wilson Co.
  File 103:Energy SciTec  1974-2003/Oct B1
         (c) 2003 ·Contains copyrighted material
*File 103:· For access restrictions see Help Restrict.
  File 143:Biol. & Agric. Index  1983-2003/Sep
         (c) 2003 The HW·Wilson Co
  File 144:Pascal  1973-2003/Oct W2
         (c) 2003 INIST/CNRS
  File 155:MEDLINE(R)  1966-2003/Oct W3
```

*File 155: Please see HELP NEWS 155 for details about the 2003 reload.
   File 156:ToxFile   1965-2003/Oct W3
*File 156: ToxFile has been reloaded. Accession numbers
have changed. Please see HELP NEWS 156 for details.
   File 162:Global Health   1983-2003/Sep
*File 162: Effective May 1, name changes from CAB Health
to Global Health.
   File 172:EMBASE Alert   2003/Oct W3
   File 305:Analytical Abstracts   1980-2003/Oct W1
*File 305: Alert feature enhanced for multiple files, duplicate
removal, customized scheduling. See HELP ALERT.
   File 369:New Scientist   1994-2003/Oct W2
   File 370:Science   1996-1999/Jul W3   '
*File 370: This file is closed (no updates). Use File 47 for more current
information.
   File 399:CA SEARCH(R)   1967-2003/UD=13917
*File 399: Use is subject to the terms of your user/customer agreement.
Alert feature enhanced for multiple files, etc. See HELP ALERT.
   File 434:SciSearch(R) Cited Ref Sci   1974-1989/Dec

      Set   Items   Description
      ---   -----   -----------
? s intraflagellar(w)transport?
          518   INTRAFLAGELLAR
      3941116   TRANSPORT?
      S1   427   INTRAFLAGELLAR(W)TRANSPORT?
? rd s1
...examined 50 records   (50)
...examined 50 records   (100)
...examined 50 records   (150)
...:examined 50 records   (200)
...examined 50 records   (250)
...examined 50 records   (300)
...examined 50 records   (350)
...examined 50 records   (400)
...completed examining records
      S2   160   RD S1 (unique items)
? s flagella? and transport?
        133182   FLAGELLA?
      3941116   TRANSPORT?
      S3   7700   FLAGELLA? AND TRANSPORT?
? s s3 and PY<2000
Processing
Processing
Processed 10 of 22 files ...
Processing
Processing
Processing

Abstract: A second cytoplasmic dynein heavy chain (cDhc) has recently been
    identified in several organisms, and its expression pattern is
    consistent with a possible role in axoneme assembly. We have used a
    genetic approach to ask whether cDhc1b is involved in flagellar
    assembly in Chlamydomonas. Using a modified PCR protocol, we recovered
    two cDhc sequences distinct from the axonemal Dhc sequences identified
    previously. cDhc1a is closely related to the major cytoplasmic Dhc,
    whereas cDhc1b is closely related to the minor cDhc isoform identified
    in sea urchins, Caenorhabditis elegans, and Tetrahymena. The
    Chlamydomonas cDhc1b transcript is a low-abundance mRNA whose
    expression is enhanced by deflagellation. To determine its role in
    flagellar assembly, we screened a collection of stumpy flagellar (stf)
    mutants generated by insertional mutagenesis and identified two strains
    in which portions of the cDhc1b gene have been deleted. The two mutants
    assemble short flagellar stumps (<1-2 mu m) filled with aberrant
    microtubules, raft-like particles, and other amorphous material. The
    results indicate that cDhc1b is involved in the transport of components
    required for flagellar assembly in Chlamydomonas.

   14/7/33   (Item 1 from file: 94)

04600467   JICST ACCESSION NUMBER: 00A0656536   FILE SEGMENT: PreJICST-E
Chlamydomonas kinesin-II-dependent %%%intraflagellar%%% %%%transport%%%
    (IFT): IFT particles contain proteins required for ciliary assembly in
    C. elegans sensory neurons.
COLE D G (1); DIENER D R (1); HIMELBLAU A L (1); FUSTER J C (1); ROSENBAUM
    J L (1); BEECH P L (2)
(1) Yale Univ., Ct, Usa; (2) Univ. Melbourne, Victoria, Aus
? ds

Set   Items   Description
S1   427   INTRAFLAGELLAR(W)TRANSPORT?
S2   160   RD S1 (unique items)
S3   7700   FLAGELLA? AND TRANSPORT?
S4   6064   S3 AND PY<2000
S5   1094   S4 AND (DISEAS? OR DISORDER?)
S6   1070   RD S5 (unique items)
S7   732   FLAGELLA? (5N) TRANSPORT?
S8   427   RD S7 (unique items)
S9   338   S8 AND PY<2000
S10   5   S2 AND S9
S11   4   S9 AND (DISEAS? OR DISORDER?)
S12   3   S2 AND IFT20

```
S13        38    S2 AND PY<2000
S14        33    S13 NOT (S10 OR S11 OR S12)
? ds

Set      Items    Description
S1         427    INTRAFLAGELLAR(W)TRANSPORT?
S2         160    RD S1 (unique items)
S3        7700    FLAGELLA? AND TRANSPORT?
S4        6064    S3 AND PY<2000
S5        1094    S4 AND (DISEAS? OR DISORDER?)
S6        1070    RD S5 (unique items)
S7         732    FLAGELLA? (5N) TRANSPORT?
S8         427    RD S7 (unique items)
S9         338    S8 AND PY<2000
S10          5    S2 AND S9
S11          4    S9 AND (DISEAS? OR DISORDER?)
S12          3    S2 AND IFT20
S13         38    S2 AND PY<2000
S14         33    S13 NOT (S10 OR S11 OR S12)
?


---Logging off of Dialog---


? logoff
        24oct03 10:06:37 User226352 Session D725.3
           $21.07    3.763 DialUnits File5
              $61.25  35 Type(s) in Format  7
           $61.25  35 Types
     $82.32  Estimated cost File5
           $3.88     0.658 DialUnits File6
      $3.88  Estimated cost File6
           $37.02    2.001 DialUnits File34
              $53.50  10 Type(s) in Format  7
           $53.50  10 Types
     $90.52  Estimated cost File34
           $1.07     0.155 DialUnits File40
      $1.07  Estimated cost File40
           $5.37     1.194 DialUnits File50
      $5.37  Estimated cost File50
           $3.91     1.043 DialUnits File65
      $3.91  Estimated cost File65
           $3.53     0.468 DialUnits File71
      $3.53  Estimated cost File71
           $15.64    1.690 DialUnits File73
     $15.64  Estimated cost File73
           $3.82     1.092 DialUnits File94
              $1.35   1 Type(s) in Format  7
           $1.35   1 Types
      $5.17  Estimated cost File94
           $2.94     1.225 DialUnits File98
              $6.70   2 Type(s) in Format  7
           $6.70   2 Types
      $9.64  Estimated cost File98
           $3.73     0.731 DialUnits File103
      $3.73  Estimated cost File103
           $0.44     0.185 DialUnits File143
```

```
  $0.44   Estimated cost File143
          $9.28    2.651 DialUnits File144
  $9.28   Estimated cost File144
          $8.99    2.808 DialUnits File155
  $8.99   Estimated cost File155
          $2.76    0.517 DialUnits File156
  $2.76   Estimated cost File156
          $1.37    0.303 DialUnits File162
  $1.37   Estimated cost File162
          $0.62    0.067 DialUnits File172
  $0.62   Estimated cost File172
          $0.72    0.093 DialUnits File305
  $0.72   Estimated cost File305
          $0.25    0.072 DialUnits File369
  $0.25   Estimated cost File369
          $0.29    0.082 DialUnits File370
  $0.29   Estimated cost File370
         $38.05    3.032 DialUnits File399
 $38.05   Estimated cost File399
         $27.99    1.513 DialUnits File434
           $10.70  2 Type(s) in Format  7
         $10.70  2 Types
 $38.69   Estimated cost File434
          OneSearch, 22 files, 25.343 DialUnits FileOS
  $5.60   TELNET
$331.84   Estimated cost this search
$331.85   Estimated total session cost  25.564 DialUnits
Logoff: level 03.04.00 D  10:06:37
```